



SOFRELOG

THE LEADER IN RADAR
PROCESSING TECHNOLOGY

Press Release

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Port of Dalian VTS System in operation

The Liaoning Maritime Safety Administration (PRC) has put into operation the latest generation of the SOFRELOG VTS system. This will make the Maritime Safety Administration one of the most advanced and modern VTS Authority in China.

The Port of Dalian is in the south of the Liaodong Peninsular. It is a strategic point for land, sea and air transportation networks. The bay is wide and ice-free and these good natural conditions make it the largest international trading Port in north-eastern China.

The system integrates the presentation and processing of three radar signal stations, Automatic Identification System base station, cameras located at strategic points, VHF radio communications and an extensive port data base management system.

With one supervisor work position and five operator stations, the system is operated 24 hours a day to monitor the commercial traffic as well as the numerous small crafts in the bay.

All traffic data (radar video, tracks and voice communications) are recorded on the server and can be synchronously replayed for incident analysis.

The very busy waters of the area are populated with several hundreds of targets. The VTS is expected to enable optimisation of anchorage areas and movements. With very dense and regular fog, the VTS provides valuable navigation assistance under these conditions.



The modular design of the SYTAR technology will also permit seamless future expansion plans (in particular, the addition of sensors : AIS, Optronics, new radars ...).

SOFRELOG is a High Technology company with major offices in France and the United States. The company installed its first Vessel Traffic Services system in 1993, based on experience in the field of software real-time processing for government agencies.

Founded in 1987, SOFRELOG (www.sofrelog.com) is an employee-owned high technology company which employs more than 70 engineers, technical and administration personnel. Primary customers are port and waterway authorities, coast guards and other government agencies as well as commercial companies.

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